

# ACOUSTIC ABSORPTION POLYMERS AND THEIR METHODS OF USE

## ABSTRACT OF THE DISCLOSURE

A method for reducing the acoustical noise, sonar cross-section or radar cross-section of an object, in particular low frequency sonar noise, is provided comprising contacting the object with a polymer that has been optionally modified to include a charged (anionic or cationic) site. In a preferred embodiment, the polymer is a bioelastomer that has been modified to include an anionic site.

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